

INFORMATION REPORT

CD NO.

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COUNTRY USSR(Ukrainian SSR)

DATE DISTR. 18 February 1952

SUBJECT Power Plant at Krasni Luch

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NO. OF ENCLS. 2
(LISTED BELOW)

SUPPLEMENT TO
REPORT NO.

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1. Location :

About 6 km southwest of Krasni Luch (38°56'E/ 48°03'N), Ukrainian SSR, northeast of the reservoir of the Mius River.

2. Plant installations :

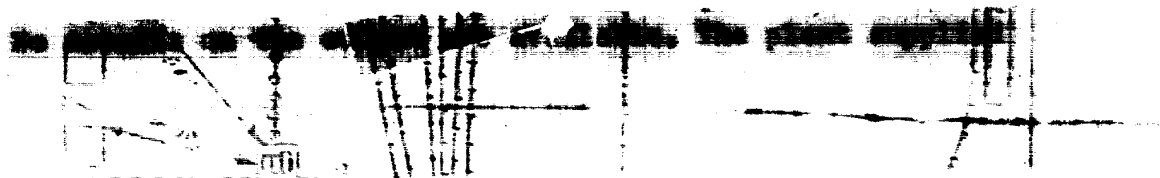
Soviets said that the plant, an old installation constructed in 1936, was partially dismantled and then blasted when German troops approached in World War II. Its reconstruction started in 1945 and enlargements were still under way at the time of observation. For plant layout see Annex 1. For sketch of the boiler and turbine house see Annex 2. Three turbines are in operation. A railroad connection is available.

3. Work force :

a. Four hundred [REDACTED] including 120 PWs doing construction work; one [REDACTED]

b. Three shifts [REDACTED] with 200 civilian laborers, operating the plant.

4. Capacity :



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2

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power to the entire Krasni Luch area (according to a Soviet construction foreman).

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a. The [redacted] Plant near Krasni Luch has been repeated [redacted] the plant location in the information is [redacted] t. The plant is exactly 5 km south-west of the [redacted] railroad station, in an angle formed by the small reservoir of the Mius River.

b. The report is of special value because:

(1) A comparison with available records on the plant shows that the best reproduction of the plant layout to date, is forwarded as Annex 1 of this report.

(2) Essential postwar enlargements of the plant mentioned by a previous source *, are confirmed. The enlargements of the boiler and turbine house, northeast of the old building, and the construction of a new and still larger building seems to be correct. This new construction was mentioned in a previous report to have passed the phase of surveying work. The intended installation of 16 boilers in this new building is doubted. It is assumed that the installation of both boilers and turbines is [redacted] building will be an independent [redacted] dimensions. The plant capacity would [redacted] increased by the operation of this new [redacted] ever, needs clarification.

(3) A previous report *, mentioned only the number of boilers but not the turbines. The statements of the present report and the details recorded in Annex 2 are presumably correct.

(4) It is believed to be a fact that the water from the reservoir is supplied to the plant via underground installations as is also indicated by the omission of above-ground installations on the attached sketch. Previous different information seems to be in error.

c. The direction of the river has to be turned 130 degrees on the previous report *. The river is not a tributary of the Mius River but the Mius itself.

d. Except for the newest constructions, the target data on the plant are sufficiently clarified.

2 Annexes : Power Plant in Krasni Luch.

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25X1

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1

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Annex

Annex

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Legend of Annex 1

25X1

A Power Plant

- 1 Boiler and turbine house with administration offices and court yard. For details see Annex 2
- 2 Projected new boiler house with the area being surveyed and the installation of 16 boilers intended (Soviet statements)
- 3 Coal storage bunker
- 4 Coal conveyor lines
- 5 Repair forge
- 6 Stores with construction materials, brick building, 50 x 10 x 5 meters
- 7 Garage and repair shop
- 8 Apprentices workshop and dwellings for 50 apprentices
- 9 Three storage buildings with construction materials, slag-concrete structures, 25 x 10 x 5 meters
- 10 Three storage buildings with electric instruments and machine spare parts, slag-concrete structures, 25 x 10 x 5 meters
- 11 Barracks of 60 MVD guards
- 12 Cement stores, concrete building, 15 x 8 x 5 meters
- 13 Kitchen
- 14 Mechanical workshop, brick building 25 x 15 x 6 meters
- 15 Fitting shop, part of No. 14, doing all repairs and production of parts for reconstruction
- 16 Dispensary
- 17 Guard house
- 18 Main gate and guard house
- 19 Administration

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ANNEX

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20 Sewage canal

- B Fire department, brick building, 20 x 20 x 8 meters, with 12-meter tower, equipped with three motor fire engines
- C Concrete bridge, solidly constructed
- D Water basin
- E Dam, repaired in 1947/48, to keep the water basin clean (statement of fellow PWs assigned to this work)
- F Lock
- G Quarry.

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3

[REDACTED]
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[REDACTED]
Annex

25X1A

25X1

Legend to Annex 2 [REDACTED]

- 1 Five-story administration, 90 x 50 x 20 meters, occupied since the Summer of 1949
- 2 [REDACTED] boiler house, 60 x 60 meters, [REDACTED]
- 3 [REDACTED] meters, steel structure with [REDACTED] vertical flue boilers for coal dust fueling, five coal mills, and five flat smokestacks, one boiler in reserve
- 4 Turbine house, 64 x 40 x 20 meters, with three operating turbines. Off limits to PWs. Source observed the interior of the building through the entrance. A railroad track leads into the turbine house
- 5 Turbine chamber under construction, 80 x 35 x 20 meters, two completed foundations with turbines being fitted. Construction of two additional foundations is planned but the remains of the destroyed foundations must first be removed. A railroad connection
- 6 Building under construction since August 1949, excavations, 80 x 60 meters. Steel structures partially erected but no basic walls. Foundations under construction 2 meters underground and 3 meters aboveground, size 8 x 10 meters.
- 7 Court yard
- 8 Guarded entrance
- 9 Switching station, strictly guarded. Power transmission lines lead from here to the various town sections
- 10 Tranformer station, ferro-concrete structure. 150 x 25 x 20 meters, with many tranformer chambers.

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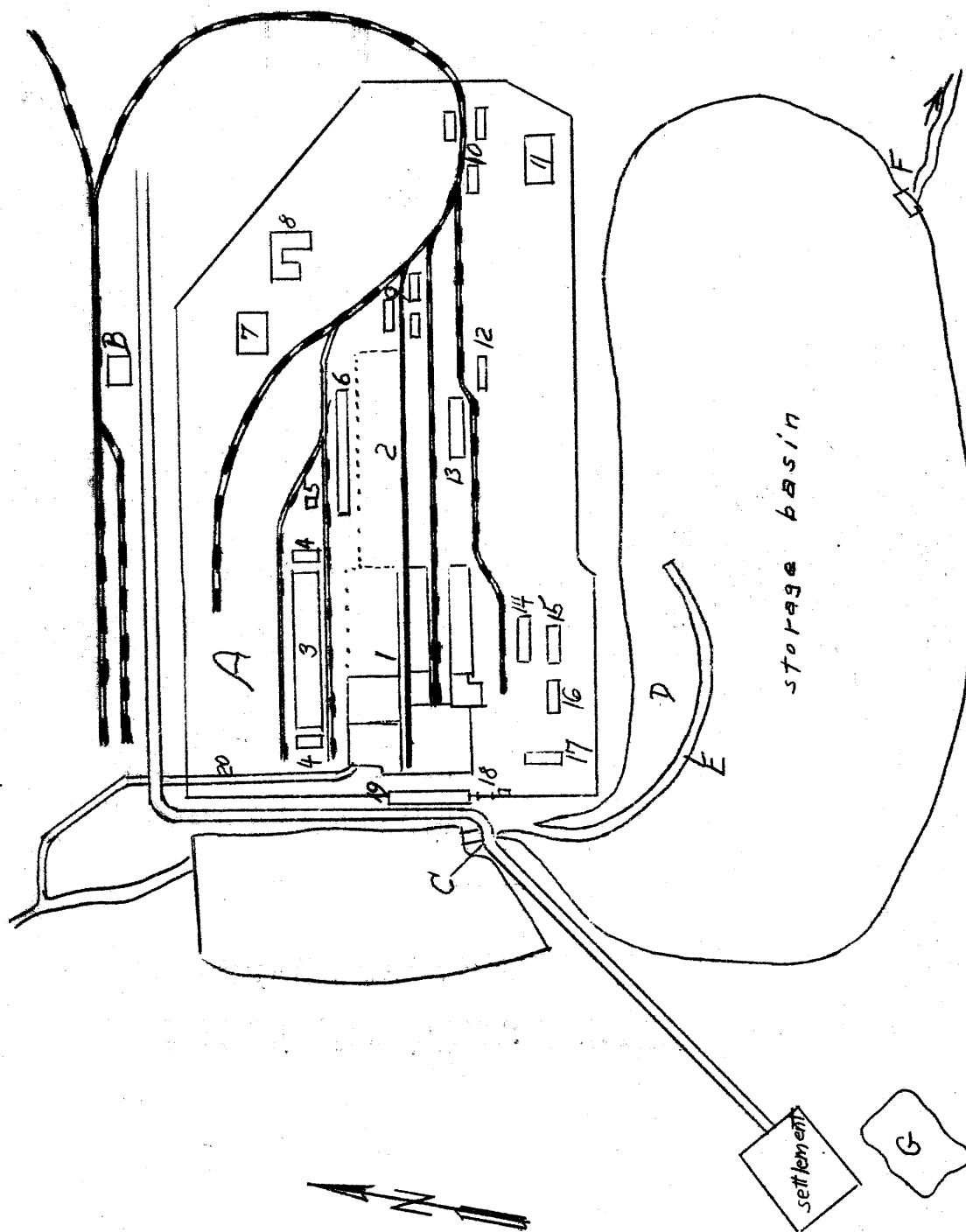
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Annex 2

Power Plant at Krasni Luch



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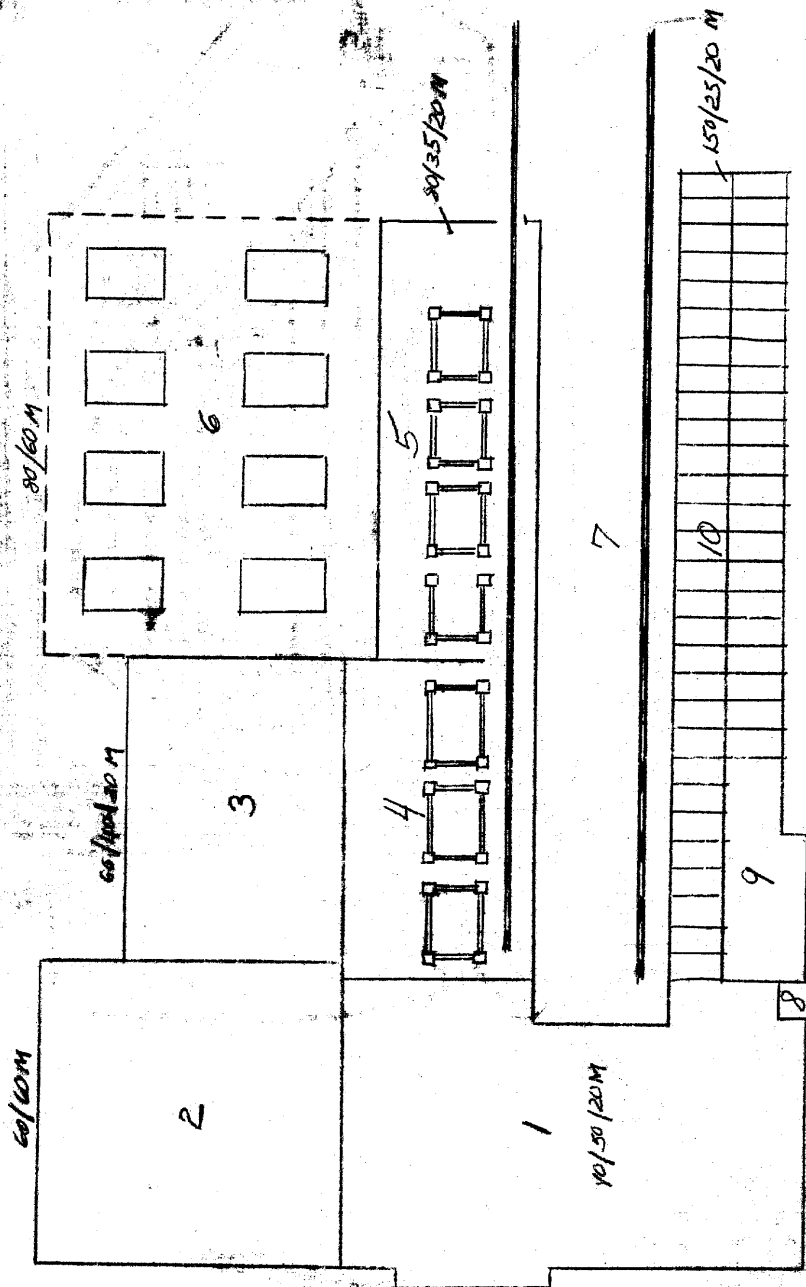
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Annex 2

Power Plant at Krasni Luch



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